

US EPA ARCHIVE DOCUMENT



Michigan Clean Diesel Initiative (MiCDI)

November 13, 2008
Midwest Clean Diesel
Leadership Group Meeting

MiCDI: 2008 Accomplishments

The Michigan Clean Diesel Coalition

- ◆ 124 participants since the MiCDI's inception in October 2007
- ◆ 62% of participants are Michigan-based
- ◆ Other participants come from IL, OH, IN, MN, WI, and as far away as WV, NC, TN and British Columbia, Canada.

MiCDI: 2008 Accomplishments

MiCDI Planning Committee

– Headed by Two Non-state Co-Chairs

- ◆ Lisa Goldstein of Southwest Detroit Environmental Vision, a non-profit environmental advocacy group
- ◆ Terry Raupp of Cummins Engine, Green Bay, WI

– Meeting schedule

- ◆ Conference calls each quarter

– State support for MiCDI activities

- ◆ To provide administrative and technical support of the coalition's efforts
- ◆ Limited to 1.5 FTEs (+/-) from the Michigan Department of Environmental Quality (MDEQ)

MiCDI: 2008 Accomplishments

◆ Coalition Makeup

- 34% emissions reduction/engine equipment manufacturers
- 14% State and federal officials
- 8% Fuels and lubricant wholesalers/retailers
- 7% Associations
- 7% Clean Cities Coalitions & Non-profits
- 6% Local and County Agencies
- 5% Trucking Companies
- 3% Retail fleets
- 16% Other (i.e. universities, school districts, consultants, port facilities, etc.)

MiCDI: 2008 Accomplishments

Activities from October 2007- September 2008

- Coalition meetings held: 3
- Meetings attended to support statewide public transportation-related initiatives: 4
- Attendance and support of Clean Cities' activities: 12
- Private industry seminars attended: 1
- Metropolitan planning organization meetings attended: 15
- Clean School Bus activities: 4

MiCDI: 2008 Accomplishments

Activities from October 2007- September 2008

- Web site established

- ◆ www.michigan.gov/deqair (Select “Assessment and Planning from the left-hand menu, then “Mobile Sources” from the middle of the page. Look for “Michigan Clean Diesel Initiative” half-way down in the middle of the page).

- Applied for and received State Clean Diesel funding from National Clean Diesel Campaign

- ◆ Used private industry funding to leverage additional State Clean Diesel funding from the U.S. EPA

Plans for 2009

◆ Objective 1: Develop and support state coalitions

Current work plan and goals for 2009

- ◆ Increase recruiting and marketing efforts/develop a plan for expansion of membership in MiCDI to:
 - Private fleets (in the manufacturing, retail, wholesale & transportation sectors)
 - School districts and higher education academic institutions
 - Local jurisdiction and county agencies
 - Equipment and technology providers
 - R&D companies concentrating on advanced technology (i.e. hybrids) and alternative fuels
 - Private foundations
 - Regional biofuels initiatives

Plans for 2009

◆ Objective 1: Develop and support state coalitions

Current work plan and goals for 2009

◆ *Develop a communication strategy*

- Meeting minutes from coalition meetings posted on the web.
- Periodic e-mail updates; other methods – a newsletter?

Plans for 2009

◆ Objective 1: Develop and support state coalitions

Current work plan and goals for 2009

– Provide support for adjunct Clean School Bus projects in the state

- ◆ Self-initiated by local school districts
- ◆ Grant-encouraged by the U.S. EPA
- ◆ Federal and state SEP-initiated (Okemos Public Schools is doing a series of southeast Michigan diesel emission retrofit projects).

Plans for 2009

◆ Objective 1: Develop and support state coalitions

Current work plan and goals for 2009

– Support MDEQ SIP Efforts and Statewide Climate Change Activities

- ◆ Voluntary efforts and activities to be concentrated in the state's ozone and particulate matter non-attainment areas.

Plans for 2009

◆ Objective 1: Develop and support state coalitions

Current work plan and goals for 2009

- Work more closely with the energy programs within the Michigan Department of Energy, Labor and Economic Growth, and the Michigan Department of Agriculture to identify opportunities for R&D, financing and product promotion for coalition members.
- Support and coordinate MiCDI activities with those of the state Clean City Coalitions.

Plans for 2009

◆ Objective 1: Develop and support state coalitions

Current work plan and goals for 2009

- Develop a closer working relationship with the Michigan Department of Transportation (MDOT)
 - ◆ Encourage greater and more efficient use of existing transportation infrastructure to decrease the amount of overall state vehicle miles traveled.
 - ◆ Reduce statewide vehicle idling and traffic congestion.
 - ◆ Promote greater coalition use of CMAQ funding.

Plans for 2009

- ◆ Objective 2: Award of EPA funds and generation of non-EPA funding sources
 - The MiCDI currently does not use any non-federal funding sources for coalition-supported diesel emissions reduction projects.
 - Coalition members provide limited levels of in-kind support (i.e. activity promotion, meeting refreshments, facility use, etc.).

Plans for 2009

- ◆ Objective 3: Address common issues across the Region
 - Support MDEQ SIP Efforts and Statewide Climate Change Activities
 - ◆ (7) Counties in Metro Detroit area in non-attainment for $PM_{2.5}$ (two monitors in SW metro Detroit with the highest violations).
 - ◆ A proposed SIP is due in 2012 with attainment reached by 2014.
 - ◆ MiCDI activities and projects are a part of the local control and voluntary measures the state is implementing as part of their attainment strategy.

Plans for 2009

◆ Objective 3: Address common issues across the Region

- Support MDEQ SIP Efforts and Statewide Climate Change Activities

The Southeast Michigan Diesel Emissions Reduction Project

- A voluntary partnership between MDEQ, Marathon Oil Company, LLC and the Detroit Public Schools (DPS).
- Purpose: To retrofit 160 (+/-) DPS school buses with diesel emissions reduction technology between 2008 and 2010.
- Promotion of project done through an educational flyer distributed to the school community.

Plans for 2009

◆ Objective 3: Address common issues across the Region

– Support MDEQ SIP Efforts and Statewide Climate Change Activities

- ◆ Work with the Governor's Office and the Michigan Climate Action Council (MCAC) on any future adaptation and mitigation climate change activities in the transportation arena.

- Promotion of low carbon fuel use
- Eco Driving Program
- Truck Idling
- Advanced Vehicle Technology
- Congestion Mitigation
- Land Use Planning
- Transit and Travel
- Rail Capacity & Bottlenecks
- Great Lakes Shipping

Plans for 2009

◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items

Increase recruiting and marketing efforts

◆ Develop promotional brochure for the MiCDI

- Networking benefits
- Organization’s name posted on MiCDI web
- Stressing early notification of financing and other strategic partnership opportunities

Plans for 2009

- ◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items
 - State Clean Diesel Program Strategy
 - ◆ Work closer with statewide local and county agencies and their fleets
 - Provide continuing education
 - Assist in the development of local diesel emission reduction projects
 - Assist in locating financing opportunities

Plans for 2009

- ◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items
 - Develop a communication strategy
 - ◆ Workshop(s) designed to strengthen, enhance and bridge the communication divide between public and private organizations.
 - Partner with the state’s Green Construction/Green Jobs initiatives to connect with non-road diesel emission sources and promote statewide diesel emissions reduction activities.

Plans for 2009

- ◆ Objective 4: Create Actions that Stir the Imagination – “Wish List” Items
 - Develop a closer working relationship with the Michigan Department of Transportation (MDOT)
 - Encourage the use of Tier II or better engine technology, and the use of diesel retrofit equipment in state contracts for road and non-road projects in non-attainment areas of the state.

Coalition Question/Issues

- ◆ Upcoming Issues of Concern: Future Funding
 - State 1.5 FTE administrative support for the MiCDI is through a combination of federal and state restrictive fee funding
 - ◆ Current status: Federal funds have been decreasing annually and state restrictive fee funding is running out (must be reauthorized in FY 2010).

Coalition Question/Issues

- ◆ How do coalitions maintain the interest of participants?
- ◆ What activities are covered during meetings and conference calls?
- ◆ What other external groups does the coalition work with?
- ◆ What other state agencies does the coalition work with?



Michigan Clean Diesel Initiative (MiCDI)

Thank You!

Other Questions?